Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO	Complete if Known		
Substitute for form 1449/F10	Application Number	10/599,143	
INCODERATION DICCLOCUDE	Filing Date	April 1, 2005	
INFORMATION DISCLOSURE	First Named Inventor	Lain-Yen Hu	
STATEMENT BY APPLICANT	Art Unit		
(Use as many sheets as necessary)	Examiner Name		
01	Attorney Docket Number	PC32134A	

			U, S. PATEN	T DOCUMENTS	
Examiner Initlals*	Cite No.1	Document Number Number-Kind Code ² (^{ff known})	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/SY/	 	US-4263223	04-21-1981	Marc Pauly	
		US-	V 21 1301		
	 	US-			
-		US-			
		US-		<u> </u>	
		US-			
		US-			
	!	us-			
		US-			·
		US-			•
	·	US-			
		US-			· ·
		US-			
	†	US-		·	
		US-			
	1	US-			

	FOREIGN PATENT DOCUMENTS								
	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear				
		Country Code ³ "Number ⁴ "Kind Code ⁵ (if known)	MM-DD-YYYY			<u> </u>			
TISYI		WO03/093243A1	11-13-2003	Aventis Pharma					
ISYI		WO2006/024942A1	03-09-2006	Warner-Lambert Co LLC					
ISYI		WO2006/006065A1	01-19-2006	Warner-Lambert Co LLC					
/SY/		WO2005/102990A1	11-03-2005	Warner-Lambert Co LLC					
7SY/		WO2006/049952A1	05-11-2006	Eli Lilly and Co.					
/SY/		WO02/085860A1	10-31-2002	Pfizer Limited					

			T
Examiner	•	Date	44/04/0007
	1 10.	Considered	11/21/2007
Signature	/Shawquia Young/	Considered	11/21/2007
- 0	/Orlawquia Tourig/		1

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language

Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

	Under t	the Paperwork Reduct	tion Act of 1995, n	o persons are required to	o respond to a collection of informat	tion unless it contains a valid OMB control number.
	Subst	Substitute for form 1449/PTO		Complete if Known		
				Application Number	10/599,143	
	181	FORMATIO	ON DISCI	COLIDE	Filing Date :	April 1, 2005
		-			First Named Inventor	Lain-Yen Hu
	SI	[ATEMEN]			Art Unit	
	(Use as many sheets as necessary)				Examiner Name	
$\overline{}$	Sheet	2.	of	5	Attorney Docket Number	PC32134A

	0'1-	D	U. S. PATENT D	Name of Patentee or	Pages Columns Lines Where		
Exeminer Initials*	Cite No. ¹	No.1	No.'	Document Number	Publication Date MM-DD-YYYY	Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant
		Number-Kind Code ^{2 (# known)}			Figures Appear		
		US-			·		
		US-			•		
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-			1		
		US-					
	1	US-					
		US-					
		US-					
		US-			·		
		US-					
		US-					
		US-					
	\vdash	US-					

	FOREIGN PATENT DOCUMENTS Publication Name of Patentee or Pages, Columns, Lines,									
Examiner Initials*	Cite No.1	Foreign Patent Document	eign Patent Document Publication Date		Pages, Columns, Lines, Where Relevant Passages	١.				
		Country Code ³ "Number ⁴ "Kind Code ⁵ (<i>if known</i>)	MM-DD-YYYY		Or Relevant Figures Appear	To				
/SY/		WO2005/108361A1	11-17-2005	Janssen Pharmaceutica		<u> </u>				
ISYI	<u> </u>	EP0684235A1	11-29-1995	Mochida Pharm. Co.						
/SY/		EP0601977A1	06-15-1994	CIBA-GEIGY AG						
ISYI		EP0080371A1	06-01-1983	Takeda Chem Ind.		lacksquare				
ISYI		DE2301541	09-06-1973	Miles Labs Inc		上				
/SY/		WO02/057215A2	07-25-2002	Advanced Medicine; Inc						

1	Examiner	101	Date .	11/21/2007
ı		/Shawquia Young/	Considered	1 1/2 1/2007
ı	Signature	/orianquia roung/		
	_	· •		

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁹Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The Information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known Substitute for form 1449/PTO Application Number 10/599,143 Filing Date April 1, 2005 INFORMATION DISCLOSURE First Named Inventor Lain-Yen Hu STATEMENT BY APPLICANT Art Unit (Use as many sheets as necessary) Examiner Name Attorney Docket Number PC32134A Sheet

Examiner	Cito	Designant Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Initials*	Cite No.1	Document Number	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
		Number-Kind Code ^{2 (# known)}			/ igures / ippedi
		US-			:
		US-			
		US-			
-		US			
		US-			
		US-			
		US-			·
		US-			
		US-			
-		US-			•
		US-			
		US-			
		US-			
****		US-			
		US-			
	1	US-			

Examiner Initials*		Publication Date MM-DD-YYYY	JMENTS Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
	Country Code ³ "Number ⁴ "Kind Code ⁵ (<i>if known</i>)			Or Relevant Figures Appear	™
/SY/	WO98/33779	08-06-1998	Dong Wha Pharm. Ind.		
/SY/	 WO2004/018386A2	03-04-2004	Merck & Co., Inc.		
7SY/	WO03/074473A2	09-12-2003	University of Tennessee		
1SY/	 WO2005/049574A1	06-02-2005	Warner-Lambert Co LLC	·	
ISYI	WO2005/100305A1	10-27-2005	Warner-Lambert Co LLC		

Examiner Signature	/Shawquia Young/	Date . Considered	/Shawquia Young/
O Ignatoro	, ,		· · · · · · · · · · · · · · · · · · ·

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Senter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

Translation is attached.
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

	e for form 1449/PTO			Todanoa io respond to a consolie.	Complete if Known
Substituti	9 101 101111 1449/P1O			Application Number	10/599,143
INFO	ORMATIO	N DIS	CLOSURE	Filing Date	Apri 1, 2005
STA	STATEMENT BY APPLICANT			First Named Inventor	Lain-Yen Hu
		4		Art Unit	
	(Use as many si	neets as ne	ecessary)	Examiner Name	,
Sheet	4	of	5	Attorney Docket Number	PC32134A

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/SY/		Database Caplus Online Chemical Abstracts Service. Columbus. Ohio US BERO, S,S. ET AL, "chemotherapeutic amidines X. Substituted 4,4'-diamidino-omega, omega,-diphenoxyalkanes and diphenyl ethers XP002333841 retreived from STN Database accession no 1949:50548 abstract & Journal of the Chemical Society Abstracts. 1949. pages 642-648	
/SY/		Database Caplus Online Chemical Abstracts Service, Columbus, Ohio US KRATZL, K. ET AL: "Chemistry of vanillin and its derivatives X. Amidines imidazolines, and tetrahydropyrimidinediones with quaiacol substituents" XP002333842 Retrieved from STN Database accession no. 1958:65868 abstract & Monatshefte Fuer Chemie, 88, 1957, pages 1056-1063	
/SY/		Database Caplus Online Chemical Abstracts Service, Columbus, Ohio US DAVIS, M.: "Search for chemotherapeutic amidines. XV. 2-Methoxy and 2-hydroxy derivatives of 1,5-bis(p-amidinophenoxy) pentane" XP002333843 retrieved from STN Database accession no. 1958:82447 abstract & Journal of the Chemical Society, Abstracts, 1958, pages 907-908	
/SY/		DATA BASE CA Online Chemical Abstracts Service, Columbus, Ohio, US; FERRONI, R. Et al., "Aromatic tetra- amidines: synthesis of halo-derivatives and their antiproteolytic activity" XP002333844 retrieved from STN Database accession no. 1985:91904 abstract & Farmaco, Edizione Scientifica, vol 39, no 11, 1984, pages 901-909	
ISYI		DATA BASE CAPLUS Online Chemical Abstracts Service, Columbus, Ohio US LEZNOFF, CLIFFORD C ET AL: "Metallophthalocyanine dimers incorporating five-atom covalent bridges" XP002333845 retrived from STN Databse accession no. 1985:447150 abstract & Canadian Journal of Chemistry VOI. 63, no. 3, 1985, pages 623-31	
/SY/		DATA BASE CAPLUS Online Chemical Abstracts Service, Columbus, Ohio US WOEHRLE, DIETER ET AL: "Polymeric phthalocyanines and their precursors. 15. Syntheses of alkylenedioxy-bridged polymeric phthalocyanines and their absorption capacities for organic solvents in comparison to other phthalocyanines" XP002333846 retrieved from STN Database accession no. 1988;493734 abstract & MAKROMOLEKULARE CHEMIE, vol. 189, no. 6, 1988, pages 1229-38	
/SY/		GERATZ. J.D. ET Al.: "Diamidino-alpha., omegadiphenoxyalkane s. Structure-activity relations for the inhibition of thrombin, pancreatic kallikrein, and trypsin" JOURNAL OF MEDICINAL CHEMISTRY, vol. 16. no. 9, 1973, pages 970-975, XP002333840 table VI, compounds 27-30, 32-34, 37	
JSYI		DATABASE CAPLUS Online CHEMICAL ABSTRACTS SERVICE, COLUMBUS. OHIO US, CSOKAI, VIKTOR ET AL: "Microwave-assisted synthesis of phtalonitriles and phthalocyanines"XP002333847 retrieved from STN Database accession no. 2003;416216 abstract & SYNTHETIC COMMUNICATIONS, vol. 33, no. 10, 2003, pages 1615-1621	
/SY/		DATABASE CAPLUS, Online CHEMICAL ABSTRACTS SERVICE. COLUMBUS, OHIO. US: EASTMOND, G.C. ET AL: "Polyimides with main-chain ethylene oxide units:synthesis and properties" retreived from STN Database accession no. 2002;264464 abstract & POLYMER, vol. 43, no. 12, 2002, pages 3455-3468	
/SY/		DATABASE CAPLUS, Online CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; ZHANG, YISHENG ET AL "Tetranuclear Hexanuclear, and Octanuclear Copper (II) Complexes of a Series of Novel Dendritic Poly(phthalazine) Ligands' XP002333849 retrieved from STN Database accession no. 1995:875232 abstract & Inorganic Chemistry, vol 34, no 23, 1995, pages 5870-5877	

Examiner /Shawquia Young/	Date Considered	11/21/2007
-----------------------------	--------------------	------------

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

d to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO INFORMATION DISCLOSURE Complete if Known Application Number 10/599,143 Filing Date Apri 1, 2005	Complete if Known				
Substituti	3 (01 10 (III 1448/F 10			Application Number	10/599,143
INFO	RMATION	DIS	CLOSURE	Filing Date	Apri 1, 2005
STATEMENT BY APPLICANT				First Named Inventor	Lain-Yen Hu
		-4		Art Unit	
	(Use as many she	ets as n	ecessary)	Examiner Name	
Sheet	5	of	5	Attorney Docket Number	PC32134A

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
ISYI		DATABASE CAPLUS, Online CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; KOBAYASHI, NAGAO ET AL: "Optically active phthalocyanines and their circular dichroism" XP002333850 retreived from STN Database accession no. 1993;652129 abstract & JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, vol. 115, no. 23, 1993, pages 10994-10995.	
ISYI		DATABASE CAPLUS, Online CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; KELLER, TEDDY M. ET AL: "Synthesis of phthalonitriles by nitro displacement" XP002333851 retrieved from STN Database accession no. 1981:442589 abstract & SYNTHESIS, no. 8, 1980, page 613	
/SY/		DATABASE CAPLUS, Online CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; DANN, OTTO ET AL: "Syntheses of biscationi, trypanocidal 1-benzofuran compounds" XP002333852 retrieved from STN Database accession no. 1983:53580 abstract & LIEBIGS ANNALEN DER CHEMIE. no. 10, 1982, pages 1836	
/SY/		Co-pending commonly assigned, United States patent application Serial Number 11/415,935 filed May 2, 2006 now published as 2006-0252796A12 on 11/09/2006.	
/SY/		Co-pending commonly assigned, United States patent application Serial Number 11/175,097 filed July 5, 2006 now published as 2006-0009427A1 on 01/12/2006.	
/SY/		Co-pending commonly assigned, United States patent application Serial Number 11/572,760 filed August 8, 2005.	
/SY/		Co-pending commonly assigned. United States patent application Serial Number 11/572,743 filed August 5, 2005.	
/SY/		Co-pending commonly assigned. United States patent application Serial Number 10/599,719 filed April 14. 2005.	
/SY/		Co-pending commonly assigned, United States patent application Serial Number 60/706.413 5 filed August 5, 2005.	
/SY/		Co-pending commonly assigned. United States patent application. Serial Number 11/572,748 filed filed August 22, 2005.	

	Examiner Signature	/Shawquia Young/	Date Considered 11/21/2007	
--	-----------------------	------------------	----------------------------	--

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08A (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449/PTO	Co	mplete if Known
	Application Number	10/599,143
INFORMATION DISCLOS	Filing Date .	
	First Named Hivehio	Lain-Yen Hu
STATEMENT BY APPLIC	ANT Art Unit	
(Use as many sheets as necessary)	Examiner Name	
Sheet 1 of	9 Attorney Docket Number	PC32134A

			U, S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
10077		Number-Kind Code ^{2 (F known)}			1 guros Appoal
7SY/		^{US-} US2003/0175445	09-18-2003	Kirsch et al	
/SY/		US-US2003/0229129	12-11-2003	K. T. Kraemer et al	
ISYI.		US-US2003/232882A.1	12-18-2003	D.D. Miller et al	
7577		US-US2005-0182132A	08-18-2005	Lain-Yen Hu et al	
/SY/		US-US2006-0009427A	01-12-2006	Lain-Yen Hu et al	
/SY/		US-US4029493A	06-14-1977	R. J. Theissen	
/SY/		US-US4234595A	11-18-1980	W. E. Kreighbaum	
/SY/		US-US4536321	08-20-1985	S. Sugimori et al	
7SY/		US-US4992433A	02-12-1991	R. A. Stokbroekx	
7SY/		US-US5108652	04-28-1992	R. Eidenshink	t
/SY/		US-US5316755A	05-31-1994	C. R Illig et al	
/SY/		US-US5847166	12-08-1998	S. L. Buchwald	
ISYI		US- US5910493	06-08-1999	S. Golbs	
/SY/		US-US6011606	01-04-2000	M. Ohe	•
		US-			

		FORE	IGN PATENT DOC!	JMENTS		
	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
,,,,,,,,,,		Country Code ³ "Number ⁴ "Kind Code ⁵ (# known)	MM-DD-YYYY		Or Relevant Figures Appear	_ T ⁶
/SY/		DE10126434A -		Abstract		
		DE3515633A	11-06-1986	Merck Patent GMBH		
7SY/		DE3825170A1	01-25-1990	Hoechst AG		\lor
		DE4017019A1	11-28-1991	Hoeclist AU		
		DE4217928A1	12-02-1993	Hoechst AG		上
/SY/		EP0673986 A2	03-17-1995	Hitachi LTD	•	

Examiner Signature	/Shawquia Young/	Date Considered	11/21/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. The following that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language

Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The Information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Petent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substit	ute for form 1449/P	ro.		Complete If Known		
Coodin				Application Number	10/599,143	
1815	ODBA A TI	N DICC	LOCUBE	Filing Date		
	ORMATIC			First Named Inventor	Lain-Yen Hu	
ST	ATEMEN1	ΓBY API	PLICANT	Art Unit		
	(Use as man)	y sheets as nece	ssary)	Examiner Name		
Sheet	2	of	9	Attorney Docket Number	PC32134A	

			U. S. PATENT D	OCUMENTS	
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	<u> </u>	Number-Kind Code ^{2 (I known)}			1.8
		05-			
		US-		•	, .
	1	US-		· · · · · · · · · · · · · · · · · · ·	
		US-			
		US-			
		US-			
		US-			
		US-			
•		US-			·
		US-			,
	ļ	US-			
	 	US-			
	 	US-			
· · · · · · · · · · · · · · · · · · ·		US-			
		US-			•
	 	US-			
		US-			
		US-		····	
	†	US-			

		FORE	IGN PATENT DOC	JMENTS		
	Cite No.1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code ³ "Number ⁴ "Kind Code ⁵ (# known)			Or Relevant Figures Appear	T°
/SY/		EP0790235A1	08-20-1997	Sankyo Co. LTD	·	
/SY/		EP0119756	09-26-1984	Chisso Corp		
ISYI		EP0579223	10-09-1996	Mitusbishi Chem Corp		
/SY/		EP0609587A	08-10-1994	Sterling Winthrop Inc		
7SY/		EP0707007B1	12-12-2001	Merck Patent GMBH		
/SY/		EP100172B1	08-12-1987	Imperial Chemical Ind.		

Examiner Signature	/Shawquia Young/	Date Considered	11/21/2007	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \(^1\) Applicant's unique citation designation number (optional). \(^2\) See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. \(^3\) Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \(^4\) For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \(^3\)Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. \(^6\)Applicant is to place a check mark here if English language Translation is attached.

Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Approved for use through 07/31/2006. OMB 0561-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

			no persons are required to	respond to a collection of information unless it contains a valid CMB control number Complete if Known		
Su	bstitute for form 1449/PTO	•		Application Number	10/599,143	
	UCODES A TIO	N DICC	LOCUDE	Filing Date		
	NFORMATIO			First Named Inventor	Lain-Yen Hu	
S	TATEMENT			Art Unit		
	(Use as many s	heets as nace	ssary)	Examiner Name		
Sheet	3	of	9	Attorney Docket Number	PC32134A	

U. S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Document Number	Publication Date MW-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
	ļ	Number-Kind Code ^{2 (3 Invent)}					
		US-			!		
		US-					
,		US-					
		US-					
		US-			·		
		US-					
· · · · · · · · · · · · · · · · · · ·		US-					
		US-					
		US-					
		US-			,		
		US-					
		US-					
		US-					
		US-					
		US-			•		
	İ	US-					
		US-					
		US-					
		US-					

	FOREIGN PATENT DOCUMENTS									
Examiner Initials*	Cite No.1	Foreign Patent Document Publication Date		Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages					
,,,,,,,,	'	Country Code ³ "Number ⁴ "Kind Code ⁵ (# known)	MM-DD-YYYY		Or Relevant Figures Appear	To				
/SY/		EP1070753 A2	01-24-2001	Hitachi, Ltd						
/SY/		EP1123933A1	08-16-2001	Merck Patent GmbH						
/SY/		EP1325910A1	07-09-2003	Tanabe Seiyako Co.						
/SY/		EP1348433A		Abstract						
ISYI		EP1348701A		Abstract						
ISYI	1	EP15505 4		Abstract						

			11070000	
Examiner	101	Date	11/21/2007	
Signature	1 /Shawgula Young/	Considered		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Senter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

Translation is attached.
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1.800-PTO-9199 (1-800-786-9199) and select option 2.

Approved for use through 07/31/2008. OMB 0851-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449/PTO				Complete if Known		
Jubanute	101 101111 144201	- 10		Application Number	10/599,143	
INTE	DESATI	ON DICC	OCUDE	Filing Date .		
		ON DISC		First Named Inventor	Lain-Yen Hu	
STA	TEMEN	T BY APP	PLICANT	Art Unit		
(Use as many sheets as necessary)				Examiner Name		
Sheet	4	of	9	Attorney Docket Number	PC32134A	

U. S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
		Number-Kind Code ^{2 (# known)}			I iguies Appeai		
		US-					
	1	US-		•			
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
	1	US- ·					
		US-			,		
	1	US-					
	†	US-					
	 	US-					
		US-					
	 	US-					
*		US-					
	 	US-	1				
		US-					
	†	US-					

	FOREIGN PATENT DOCUMENTS								
	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	١.			
		Country Code ³ "Number ⁴ "Kind Code ⁵ (<i>if known</i>)			Or Relevant Figures Appear				
ISYI		EP221844A		Abstract					
/SY/	1	EP269383A		Abstract					
/SY/		EP412814A		Abstract					
/SY/		EP419286A		Abstract					
7SY/		EP488474A1		Abstract					
ISYI		EP654468A1		Abstract	•				

Date Examiner 11/21/2007 /Shawquia Young/ Considered Signature

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation in not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

Transtation is attached.
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Subst	itute for form 1449/PTO			Complete if Known		
• • • • • • • • • • • • • • • • • • • •				Application Number	10/599,143	
INC	TODRA TIO	N DICCI	OCUDE	Filing Date .		
	FORMATIO			First Named Inventor	Lain-Yen Hu	
ST	ATEMENT	BY APP	PLICANT	Art Unit		
(Use as many sheets as necessary)				Examiner Name		
Sheet	5	of	9	Attorney Docket Number	PC32134A	

	1 -1		U. S. PATENT D	Name of Patentee or	Pages, Columns, Lines, Where
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
		Number-Kind Code ^{2 (I known)}			Figures Appear
		US-			
		US-			
		US-		_	
		US-		·	
		Us-			
		US-			
		us-			,
	ļ	US-			
	 	US-			
·	 	US-			,
	 	US-			
		US-			
		US-			
	h	US-			
	 	US-	1		•
	<u> </u>	US-			
	 	US-			
	<u></u>	US-			,
	 	Us-	_		

	FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages				
		Country Code ³ "Number ⁴ "Kind Code ⁵ (<i>If known</i>)	MM-DD-YYYY		Or Relevant Figures Appear	T.			
/SY/		EP0002309	12-01-1982	Imperial Chem, Ind.	·				
ISY/ ISY/		GB1369696 A	10-09-1974	Bayer AG					
1011		GB2278054A	11-23-1994	Zeneca Limited					
ISYI		GB2347423A		Abstract					
/SY/		JP10007647A		Abstract					
7SY/		JP5310616 (trans)	11-22-1993	Dainippon Ink & Chem	•	V			

Examiner Signature	/Shawquia Young/	Date Considered	11/21/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation in not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Senter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08A (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

	e for form 1449/PTC			respond to a collection of information unless it contains a valid OMB control numb Complete if Known		
Gubana	9 101 101111 1 1 1 2 1 1 1 0			Application Number	10/599,143	
INITA	ODREATIO	N DIG	CLOCUDE	Filing Date		
			LOSURE	First Named Inventor	Lain-Yen Hu	
STA	TEMENT	BY AP	PLICANT	Art Unit		
	(Use as many s	heets as nec	essary)	Examiner Name		
Sheet	6	of	9	Attorney Docket Number	PC32134A	

****			U. S. PATENT D	OCUMENTS	
Exeminer Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ^{2 (F known)}		•	Figures Appear
		US-			l:
- ".		US-			
		US-			,
	 	US-			
		US-			
		US-			
		us-			
	1	US-			
		US-			·
		US-			
	· · · · ·	US-			
	T	us-			

		FORE	IGN PATENT DOCL	JMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
l linears		Country Code ³ "Number ⁴ "Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	To
/SY/		JP8325154	12-08-1996		·	
/SY/		WO94/05153A	03-17-1994	Du Pont		
/SY/		WO0037430	06-29-2000	Biophysica, Inc.		
7SY/		WO01/56989 A2	08-09-2001	Cor Therapeutics Inc		
/SY/		WO02/06196	01-24-2002	Merck & Co. Inc		
/SY/		WO02/090332A2	11-14-2002	Astrazeneca AB	•	

Examiner Signature	/Shawquia Young/	Date Considered	11/21/2007	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.usptg.gov or MPEP 801.04. ³Enter Office that Issued the document, by the two-letter code (WIPO Standard ST.3). ¹For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Approved for use through 07/31/2008. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449/PTO				Complete if Known		
-				Application Number	10/599,143	
INI		AL DI	SCLOSURE	Filing Date		
•				First Named Inventor	Lain-Yen Hu	
ST	ATEMENT	BY A	APPLICANT	Art Unit		
(Use as many sheets as necessary)				Examiner Name		
Sheet	7	of	9	Attorney Docket Number	PC32134A	

			U. S. PATENT D	OCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (F Answer)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	 	US-			
		US-			
]	US-			
	<u> </u>	US-			
	 	US-			
	 	US-			
		US-			ı
		US-			
	 	US-			
		US-			
	1	US-			
		US-			
		US-			
		US-			
	<u> </u>	US-			
	 	US-			

	FOREIGN PATENT DOCUMENTS									
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	١.				
		Country Code ³ "Number ⁴ "Kind Code ⁵ (<i>If known</i>)	MM-DD-YYYY			To				
/SY/		WO0218333A	03-07-2002	Pfizer Limited						
JSYI		WO03068217A	08-21-2003	Endorecherche Inc						
1311		WO200034247A		Abstract		L				
1011		WO200034269A		Abstract						
/SY/		WO200059888A		Abstract		L				
/SY/	 	WO200220484A		Abstract	•					

Examiner Signature	/Shawquia Young/	Date Considered	11/21/2007	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ¹For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵Applicant is to place a check mark here if English language Translation is attached.

Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under	the Paperwork Reduction	Act of 19	espond to a collection of informat	ion unless it contains a valid OMB control number.		
	titute for form 1449/PTO			Complete if Known		
				Application Number	10/599,143	
INI	FORMATIO	A DIS	CLOSUDE	Filing Date .		
				First Named Inventor	Lain-Yen Hu	
ST	TATEMENT			Art Unit	·	
	(Use as many si	eets as i	necessary)	Examiner Name		
Sheet	8	of	9	Attorney Docket Number	PC32134A	

			U.S. PATENT D	OCUMENTS	
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant
		Number-Kind Code ^{2 (Il triows)}			Figures Appear
		US-			
	i	US-			
		US-			
	1	US-			
	1	US-			
· · · · · · · · · · · · · · · · · · ·	†	US-			
		US-			,
		US-			
	<u> </u>	US-			
	 	US-			
		US-			
	 	US-			
		US-			
	1	US-			
		US-	1		
	1	Us-			

		FORE	IGN PATENT DOC	UMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code ³ "Number ⁴ "Kind Code ⁵ (# known)	MM-DD-YYYY		Or Relevant Figures Appear T ⁶	
/SY/		WO200236734A		Abstract		
ISYI		WO200241889A		Abstract		
TSYI TSYI		WO200270484A		Abstract		
1541		WO2003066632A		Abstract		
7SY/		WO2003068754		Abstract		
ISYI		WO2004110994A1	12-23-2004	Pfizer Products Inc	•	

Examiner Signature	/Shawquia Young/	Date Considered	11/21/2007	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.usplo.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English tanguage Translation is attached.

Translation is ettached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including galhering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PC32134A

Sheet

PTO/SB/08A (08-03) Approved for use through 07/31/2006, OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE

STATEMENT BY APPLICANT

(Use as many sheets as necessary)

O.S. Patent and Tradentiant Onles, 30. DEPARTMENT OF COMMENT
Attorney Docket Number

	-		U. S. PATENT D	OCUMENTS	
Examiner Initiale*	Cite No.1	Document Number Number-Kind Code ^{2 (6 known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	ļ	US-			
		UŞ-			
		US-	**		
	 	US-			
		US-			
	1	US-			
		US-			,
	†	US-			
	ļ	US-			
	 	US-			
	 	US-			
	1	US-			
	1	US-			
	1	US-			
	<u> </u>	US-			
	,	US-			

	FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear				
		Country Code ³ "Number ⁴ "Kind Code ⁵ (# known)	MM-DD-YYYY						
/SY/		WO2005042464A1	05-12-2005	Karo Bio AB					
/SY/		WO2005080320A1	09-01-2005	Warner-Lambert Co. LLC					
ISYI		WO2006/018723 A2	02-23-2006	Warner-Lambert Co. LLC					
IVOI		WO2006018732A	02-23-2006	Warner-Lambert Co. LLC					
7SYT"		WO9219210A2 Abstract		Abstract					
ISYI		WO95/28969	11-02-1995	Hitachi, Ltd.					

Examiner Signature	/Shawquia Young/	Date Considered	11/21/2007

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language

Transation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under th	e Paperwork Reductio	n Act of 199	no persons are required to	respond to a collection of informat	lon unless it contains a valid OMB control number.	
Substit	ute for form 1449/PTO)		Complete if Known		
				Application Number	10/599,143	
INIC	ODBAATIO	N DIG	CLOSURE	Filing Date		
	-			First Named Inventor	Laiu-Yen Hu	
ST			PPLICANT	Art Unit		
	(Use as many s	heets as n	cessary)	Examiner Name		
Sheet	1	of	4	Attorney Docket Number	PC32134A	

			U.S. PATENT D	OCUMENTS	
Examiner Initials*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Pessages or Relevant
		Number-Kind Code ^{2 (If known)}			Figures Appear
		US-			
		US-			1
		US-			
	<u> </u>	US-			'
		US-			
	_	US-			
	1	US-			
	 	US-			

	FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	Ι.			
		Country Code ³ "Number ⁴ "Kind Code ⁶ (<i>if known</i>)	MIM-DD-YYYY		Or Relevant Figures Appear				
7SY/		WO9510521A1		Abstract	·				
/SY/		WO9735845A1		Abstract					
TSYI		WO99/08673A	02-25-1999	Bristol-Myers Squibb					
/SY/		WO99/17777	04-15-1999	Merck & Co. Inc.					
/SY/		WO2005000794	01-06-2005	Orion Corp.					
ISYI		WO2005013914A	02-17-2005	Vertex Pharm Inc.	•				

		<u> </u>	
Examiner Signature	/Shawquia Young/	Date Considered	11/21/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Palent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449/PTO				Complete if Known		
				Application Number	10/599,143	
INIE	ADMATI	ON DICC	LOCUDE	Filing Date .		
		ON DISC		First Named Inventor	Lain-Yen Hu	
STA	TEMEN	T BY APP	PLICANT	Art Unit		
(Use as many sheets as necessary)			ssary)	Examiner Name		
Sheet	2.	of	4	Attorney Docket Number	PC32134A	

			U. S. PATENT D	OCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ² (F known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	 	US-	 		
					<u> </u>
	1	US-			
		US-			
		US-			
	1	US-			
	†	US-			
	1	US-	,		
	†	US			
	1	US-			
		US-			,
		US-			
	<u> </u>	US-			,
		US-			
-	<u> </u>	US-		V= 4.100 to 10.100 to 10.1	
		US-			•
		US-	1.		
· · · · · · · · · · · · · · · · · · ·		US-			
		US-			
	†	us-			

		FURE	IGN PATENT DOCU	VINICIALO	T	-
Examiner nitials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code ⁵ "Number ⁴ "Kind Code ⁵ (<i>if known</i>)	MM-DD-YYYY		Or Relevant Figures Appear	
/SY/		WO02060896A	08-08-2002	Pfizer Products Inc		
ISYI		WO03/065992A	08-14-2003	GTX Inc.		
						L
						Ł
						Ļ

Examiner /Shawquia Young/ Date 11/21/2007 Considered 11/21/2007	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute	for form 1449/PTO				Complete if Known
Substitute	101 101111 1449/1-10			Application Number	10/599,143
INFO	RMATION	I DIS	CLOSURE	Filing Date	
STA	STATEMENT BY APPLICANT			First Named Inventor	Lain-Yen Hu
	0 /			Art Unit	
	(Use as many shi	eets as ne	ecessary)	Examiner Name	
Sheet	3	of	4	Attorney Docket Number	PC32134A

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.); date, page(s), volume-Issue number(s), publisher, city and/or country where published.	T ²
/SY/		Abstract:: ARNOLD, DONALD R. et al., Radical ions in photochemistry. Part 20. The photochemical nucleophile-olefin combination, aromatic substitution reaction. Canadian Journal of Chemistry (1988) 66 (12), 3012-26.	
/SY/		GREGORIO ASENSIO ET AL., Synthesis of an enantiopure 2-arylcyclohexanols form prochiral enol acetates by an enantioselective protonation/diasteroselective reduction sequence, Tetrahedron: Asymmetry 14(2003) 3851-3855.	
/SY/	/SY/ ALEXANDRE ALEXAKIS ET AL., Enantioselective Nucleophilic Opening fo meso Epoxides by Organolithium Reagents, SYNLETT October 1998, pages 1165-1167.		
/SY/	SHANKAR M. SHINGH ET AL., Androgen Receptor Autagonists (Autiandrogens): Structure-Activity Relationships, Current Medicinal Chemistry, 2000, 7, 211-247.		
ISYI		Derwent English Abstract of German Patent Application (DE3939116A1)	
/SY/		Micropatent English Abstract of Japanese Patent (JP2001-247411)	
/SY/	BOHL, CASEY E., ET AL, Structural basis for antagonism and resistance of bicalutamide in prostate cancer, PNAS, April 26, 2005, vol. 102, no. 17 pages 6201-6206.		
/SY/	PALUCKI, M. et al., "Palladium-catalyzed intermolecular carbon-oxygen bond formation; A ne sysnthesis of aryl ethers" J. Am. Chem. Soc., 1997, Vol. 119, nr. 14, pgs 3395-3396.		
/SY/	SY/ Related Co Pending United States Application 11/053,010		
/SY/	/SY/ DATABASE CA [Online] Chemical Abstracts Service, Columbus, Ohio, US: YASUDA, KOSUKE et al: "Preparation of aliphatic nitrogenous five-membered ring compounds as dipeptidyl peptidase IV inhibitors" XP002350473 retrived from STN Database accession no. 136:325560		

Examiner	/Shawquia Young/	Date	11/21/2007
Signature	/Onaviquia Tourig/	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449/PTO				To required to respond to a collection of information unless it committee a valid CMB control number. Complete if Known		
Substituti	9 101 101111 1445/F 10			Application Number	10/599,143	
INFORMATION DISCLOSURE				Filing Date		
STA	STATEMENT BY APPLICANT			First Named Inventor	Lain-Yen Hu	
				Art Unit		
(Use as many sheets as necessary)			cessary)	Examiner Name		
Sheet	4	of	4	Attorney Docket Number	PC32134A	

Examiner Initials*				
/SY/		DATABASE CA [Online] Chemical Abstracts Service, Columbus, Ohio, US; CHAKI, HISAAKI ET AL: "Preparation and formulation of alkylsulfonylbiphenyl and aminosulfonylbiphenyl derivatives as selective COX-2 inhibitors" XP002350472 retrieved from STN Database accession no 125:300608		
/SY/		PATENT ABSTRACTS OF JAPAN vol. 013, no. 021 (C-560), 18 January 1989 (1989-01-18) & JP 63227502A (SDS BIOTECH KK), 21 September 1988 (1988-09-21)		
/SY/		REILING B A ET AL: "Effect of prenatal androgenization on performance, lactation, carcass, and sensory traits of heifers in a single-calf heifer system" JOURNAL OF ANIMAL SCIENCE, vol. 73, no. 4, 1995, pages 986-992, XP0088065209 ISSN: 0021-8812		
ISYI		HEITZMAN R J: "The effectiveness of anabolic agents in increasing rate of growth in farm animals; report on experiments in cattle." ENVIRONMENTAL QUALITY AND SAFETY. SUPPLEMENT, 1976, no. 5, 1976, pages 89-98, XP008065222 ISSN: 0340-4714		
/SY/		BOTZKI, SALMEN: "Structure based design" COMINATORIAL SCIENCE, vol. 24, no. 4, 2005, pages 458-469, XP008065218		
/SY/ LOEFFLER L J ET AL: "Synthesis of Isosteres of P-Amidinophenylpyruvic Acid Inhibitors o Thrombin, and Pancreatic Kallikrein" 1 March 1975 J. Of Med Chem, Amer. Chem. Soc. Was 292 XP000574801 ISSN: 0022-2623		LOEFFLER L J ET AL: "Synthesis of Isosteres of P-Amidinophenylpyruvic Acid Inhibitors of Trypsin, Thrombin, and Pancreatic Kallikrein" 1 March 1975 J. Of Med Chem, Amer. Chem. Soc. Wash. Pages 287-292 XP000574801 ISSN: 0022-2623		

Examiner Signature	/Shawquia Young/	Date Considered	11/21/2007

"EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.